

PART B - FEE(S) TRANSMITTAL

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27160 7590 09/29/2004

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Janellie Axx Reitz Anne Rova (Depositor's name)

Anne Rova (Signature)

December 23, 2004 (D)

PATENT ADMINISTRATOR
KATTEN MUCHIN ZAVIS ROSENMAN
525 WEST MONROE STREET
~~CHICAGO, IL 60661-3693~~

01/04/2005 SMINASS2 00000055 09737219

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA

03 FC:1501 APPLICATION NO. 30,000 DA FILING DATE

FIRST NAMED INVENTOR

ATTORNEY DOCKET NO.

CONFIRMATION NO.

09/737,219

12/14/2000

Michael H. Myers

20-0153

1360

TITLE OF INVENTION: QUADRATURE ERROR REDUCTION FOR QAM MODULATED UP OR DOWN CONVERSION

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA
03 FC:1501 30.00 DA

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	XXXXXX \$1,400.00	\$300	XXXXXX \$1,700.00	12/29/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
TRAN, KHAI	2637	375-329000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Katten Muchin

2 Zavis Rosenman

3 John S. Paniaguas

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Northrop Grumman Corporation

Los Angeles, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies 10

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), or credit any overpayment. Deposit Account Number 50-1214 (enclose an extra copy of this form) \$1,730.00

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

John S. Paniaguas

Date December 23, 2004

Typed or printed name

John S. Paniaguas

Registration No. 31,051

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